

## Electronic Acknowledgement Receipt

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| <b>EFS ID:</b>                              | 4843390  |
| <b>Application Number:</b>                  | 10642439   |
| <b>International Application Number:</b>    |  |
| <b>Confirmation Number:</b>                 | 2458   |
| <b>Title of Invention:</b>                  | Tethered catalyst processes in microchannel reactors and systems containing a tethered catalyst or tethered chiral auxiliary |
| <b>First Named Inventor/Applicant Name:</b> | John H. Brophy   |
| <b>Customer Number:</b>                     | 34833  |
| <b>Filer:</b>                               | Frank Rosenberg  |
| <b>Filer Authorized By:</b>                 |  |
| <b>Attorney Docket Number:</b>              | 02-024   |
| <b>Receipt Date:</b>                        | 23-FEB-2009  |
| <b>Filing Date:</b>                         | 14-AUG-2003  |
| <b>Time Stamp:</b>                          | 21:55:41   |
| <b>Application Type:</b>                    | Utility under 35 USC 111(a)  |

### Payment information:

|  |                 |
|--|-----------------|
| Submitted with Payment                   | yes             |
| Payment Type                             | Credit Card     |
| Payment was successfully received in RAM | \$335           |
| RAM confirmation Number                  | 5832            |
| Deposit Account                          | 501749          |
| Authorized User                          | ROSENBERG,FRANK |

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

**File Listing:**

| Document Number | Document Description | File Name              | File Size(Bytes)/<br>Message Digest       | Multi Part /.zip | Pages (if appl.) |
|-----------------|----------------------|------------------------|---|------------------|------------------|
| 1               | Appeal Brief Filed   | 02024_appeal_brief.pdf | 86576                                     | no               | 16               |
|                 |                      |                        | 0ee5130b3551ee674d229f3116d504803abb3706c |                  |                  |

**Warnings:****Information:**

|   |                        |              |  |    |   |
|---|------------------------|--------------|--|----|---|
| 2 | Fee Worksheet (PTO-06) | fee-info.pdf | 31527                                    | no | 2 |
|   |                        |              | e71abf570c992a13b2af203e115b72870ec4feb5 |    |   |

**Warnings:****Information:**

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| Total Files Size (in bytes): |  |  | 118103 |
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**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.